

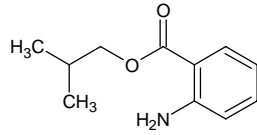
isobutyl anthranilate

イソブチル アンスラニレート

Formula C₁₁H₁₅NO₂

Mol. Wt. 193.24

CAS No. 7779-77-3



SEQ No. 1337 エステル類

FEMA No. 2182

JECFA No. 1537

	JFFMA	JECFA	FCC
Chemical name	isobutyl anthranilate	Isobutyl anthranilate	
Content (NLT)	98.0 % (GC)	96 %	
Refractive index	1.539-1.545 (n _{20D})	1.534-1.540 (n _{20D})	
Specific gravity	1.056-1.062 (d _{20/20})	1.057-1.063 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4,5 NMR :1	NMR	

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich